InfoPrint 6700 Model M40 midrange thermal label printer extends thermal printer line

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At a glance

The InfoPrint 6700 Model M40 midrange thermal printer offers:

- A compact, light industrial printer for high-quality bar codes and crisp graphics for labels and tags
- Radio frequency identification (RFID) capability for encoding and reading EPC global Class 1 Gen 2 tags
- High-quality, high-performance thermal printing in a 4-inch width
- High-resolution printhead for sharp 203 or 305 dots-per-inch (dpi) printing
- Powerful remote configuration and printer management
- Large ribbon capacity
- Easy-to-change supplies

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Overview

The InfoPrint 6700 Model M40 Thermal Label Printer is a compact, rugged printer ideal for printing bar codes, labels, and tags in light industrial applications. This printer offers:

- Optional RFID for encoding and reading EPC global Class 1 Gen 2 tags
- Print speeds up to 10 inches-per-second (ips)[1]
- Snap-in interchangeable 203 dpi and 305 dpi printheads
- On-demand single label and batch label printing
- A print width of up to 4.1 inches
- Powerful remote management software

Typical applications include:

- Bar codes and RFID for shipping and distribution of a wide range of products
- Shipping/receiving labels
- Labeling for chemical and hazardous materials

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- Compliance labeling to meet industrial standards
- Inventory control

The InfoPrint 6700 Model M40 is available with a nominal print width of four inches with print resolutions of 203 or 305 dpi. This printer offers a large ribbon capacity for continuous printing, and compatibility with label applications now running on the IBM 4400 and other InfoPrint 6700 Thermal Label Printers. Standard programming languages include native IGP, and emulations for Zebra, TEC, Sato, Intermec, and Datamax printers. Available attachments include the standard USB, serial and parallel ports, and optional wireless and LAN Ethernet.

Available software provides remote configuration and remote management capability.

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Exact speed varies depending on document complexity, system configuration, software application, the printer driver, and the printer state.

Key prerequisites

The InfoPrint 6700 Model M40 requires either an Ethernet 10/100 BaseT LAN, a Wireless Ethernet, USB, or a Workstation ASCII port for host attachment.

Planned availability date

May 4, 2007

Description

The InfoPrint 6700 Model M40 is a compact, midrange thermal printer with a nominal print width of four inches. This model offers a print resolution of 203 or 305 dpi and maximum print speeds up to 10 ips.

The primary applications are for the production of RFID tags, bar codes, and graphics on labels and tags in an industrial environment.

Highlights of the InfoPrint 6700 Model M40 include:

- Four-inch print width
- Optional UHF RFID to read and encode EPC global Class 1 Gen 2 tags
- Direct and thermal transfer printing
- Primarily metal construction with some plastic features for light industrial applications
- Snap-in, interchangeable 203 dpi and 305 dpi printheads
- Print Speeds up to 10 ips (both 203 and 305 dpi)
- On demand single label and batch label printing
- Eight-inch roll diameter media capacity on three-inch core (265 mm diameter on 76.2 mm diameter core)
- Fanfold media handling
- Ribbon capacity 450 m on one-inch core
- Easy-to-use LCD Operator Panel, approximately 3 x 1 3/4 in (7.6 x 4.4 cm)
- RS-232 serial port
- IEEE 1284 parallel port with ECP
- USB 2.0 serial port
- 32-bit Power PC RISC microprocessor controller with 8 MB flash and 32 MB DRAM
- PGL, ZGL, TGL, IGL, STGL, DGL co-resident printer languages (ASCII only)
- Print Drivers for Windows™ XP, Windows 2000, and Windows 2003 Server
- Printer Management Utility (PMU) for remote printer management

- Setup Wizard software CD

Thermal printer technology

With excellent print quality, the InfoPrint 6700 printers use an inline thermal printhead that allows two modes of operation. These modes are:

- Thermal transfer

  During thermal transfer printing, the heated thermal printhead selectively heats elements in the printhead. When the heated elements contact a thermal ribbon, the heat reacts with the ribbon and bonds the image to the paper. This method is used for abrasive, long-storage applications, and IBM ribbons are available for this type of printing.

- Direct thermal

  During direct thermal printing, the thermal printhead also selectively heats printhead elements. When these elements contact the coated thermal paper, the dyes and developers in the coating react to the heat and develop an image. This mode of printing is generally used for short-term labeling applications.

RFID on the Model M40

The RFID feature of the InfoPrint 6700 Model M40 printer includes a reader, antenna and associated components to enable programming (encoding) and reading of RFID tags. RFID can be installed on the Model M40 in either the factory or in the field.

The following software emulations support the RFID capability:

- IBM IGP
- Zebra Graphics Language (ZGL)
- Sato Graphics Language (STGL)

RFID Tag Support

The InfoPrint 6700 Model M40 supports EPC global Gen 2 tags only. Supported tags include:

- Alien 9440 Squiggle
- Alien 9460 Omni Squig
- Avery 220 Runway
- Generic EPC G2 Phil1
- Generic EPC G2 Phil2
- Generic EPC G2 Phil3
- Generic EPC G2 Phil4
- Impinj Banjo
- Impinj Propeller
- KSW Excalibar
- KSW Templar
- Omron Loop
- Omron Wave®
- Raflatec "432-like" Square
- Raflatec 704 Short Dipole
- Raflatec 790 Frog
- FIDentics Flex Wing
- Smbol Four T
- Smbol Trident

- TI Dallas

Class 1, Class 0, Class 0+ tags, Philips 1.19 tags, or other EPC global Gen 2 tags not listed above are not supported.

Print Speed

The print speed is adjustable in 1-ips increments (1 ips to 10 ips for both 203 dpi and 305 dpi). The default print speed is 4 ips. Print speeds are selectable via the control panel menu or via the host interface.

Print Intensity

Print intensity settings shall be selectable from either the printer's control panel menu or the host system.

Print Width and Media Width

The maximum print width is 104 mm (4.1 in) and the maximum media width is 130 mm (5.15 in).

Label Length

The minimum label length is 6 mm (0.25 in) and the maximum label length is 2.5 m (99 in).

Duty Cycle

As a medium duty industrial printer, the printer has a duty cycle of five thousand 4x 6 labels over a 12-hour day (1.5 hours of total print time).

Media Handling Modes

The printer operates in two basic modes: Batch and on demand.

Batch mode is used to print and collect labels for later use. On demand is used in applications where labels will be used immediately after printing.

The printer supports the following Batch media handling modes.

- Batch Continuous:

  In this default media-handling mode, the printer:

  – Unwinds the media from the media supply spindle or fanfold label stack.

  – Prints the labels.

  – Delivers the labels without aligning them for immediate removal. The last label is precisely positioned so that the next label to be printed is at top of form.

- Batch Rewind:

  In batch rewind mode, the printer:

  – Unwinds the media from the media supply spindle or fanfold label stack.

  – Prints the labels.

  – Rewinds the printed media and its carrier web onto the optional rewind spindle.

The printer also supports the following on demand media handling modes.

- Tear-off:

  The tear bar is a standard option. In tear-off mode the printer:

  – Unwinds the media from the media supply spindle or fanfold label stack.

  – Prints the label.

  – Aligns the label perforation over the tear bar for removal by the operator.

- Peel-off:

  This mode requires installation of the Peel w/o Rewind feature (#5715, 5716), or the Peel with Rewind (#5717, 5718).

  In peel-off mode, the printer:

  – Unwinds the media from the media supply spindle or fanfold label stack.

  - Prints the label, and automatically peels the label from the liner, leaving the peeled label at the mouth of the printer.
  - The waste liner can then be rewound onto the optional rewind spindle, or directed to the floor if the rewind spindle is not present. The label present sensor detects when a label has been removed, and the printer retracts the media to top of form before printing the next label.
- Cut:

  This mode requires the cutter option and provides the capability to cut each label, or set of labels.

Standard Host Interfaces

The InfoPrint 6700 Model M40 includes the following host interfaces as standard.

- Serial: RS232E with DB 9-pin serial connector for serial data rates of 1200, 4800, 9600, 19.2k, 38.4k, 57.6k, 115.2k Baud
- Parallel: IEEE 1284
- Device USB: Universal Serial Bus 2.0 (full speed) with device connector located on the rear panel

Optional Host Interfaces

The InfoPrint 6700 Model M40 contains one slot to install one of the following host interface options. These options can be installed by an end-user.

- Ethernet 10/100Base-T
- Wireless Ethernet 802.11b/g

Operator Control Panel

The operator control panel consists of the following:

- Easy-to-use LCD Operator Panel, approximately 3 x 1 3/4 in (7.6 x 4.4 cm). This backlighted LCD that will display up to 4 rows of 16 characters each or 8 rows of 21 characters each.
- Two primary control buttons (Online and Feed)
- Seven secondary control buttons (Menu, Menu navigation, Enter, and Cancel)
- Two status indicators (Online and Attention)

Printer Languages

The following printer languages are standard:

- IGP
- Sato Emulation (Sato)
- Zebra Emulation (ZGL)
- TEC Emulation (TEC)
- Intermec Emulation (IGL)
- Datamax Emulation (DGL)

Double Byte Character Set Features

The double-byte character set options are summarized in the following table.

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Language    Character Set   Fonts

Simplified  GB18030         CITS Song Ti
 Chinese

Korean      UHC KSC         Monotype Imaging (Agfa Monotype)
 Hangul     5601-1987       HYSinMyeong Jo-Medium
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Japanese (Kanji)	Shift JIS with X-208	Monotype Imaging (Agfa Momotype) HGMinch0-Light

Printer Compatibility

The InfoPrint 6700 Model M40 is compatible with the IBM 6700 Model R40 in the following ways:

- Accepts the same print files using any of the available print languages
- Prints the same size image in the same location
- Supports the same bar codes
- Supports the same fonts
- Supports the same character sets
- Supports the same graphics files

Application Software

Windows Drivers to support Microsoft™ Windows XP, Windows 2000, and Windows 2003 Server operating systems are provided with the printer.

The InfoPrint 6700 Model M40 is supported by the Printer Management Utility (PMU) remote management software with Ethernet 10/100 BaseT.

Supplies

- Ribbons
- Printheads: The printhead must be replaced periodically, and new printheads are obtained as a supply item. The 305 dpi printhead may be ordered to upgrade a 203 dpi machine to 305 dpi.

The above items are considered supplies and, as such, are not available from IBM service or included in the warranty and maintenance service agreement.

Media Handling Options

The following media handling options are available. These options cannot be installed with the RFID option.

- Media Cutter (#7350, 7351)

  The media cutter is an industrial grade, long life device, capable of cutting a variety of pressure sensitive paper, tag, and synthetic label stock.

- Peel w/out Liner Rewind (#5715, 5716)

  The value peel option provides the ability to peel labels while discarding the dispensed liner in front of the printer.

- Media Rewinder (#5717, 5718)

  The optional rewind spindle is capable of rewinding a full 8.0-inch roll of labels on a 3-inch media core.

- Peel with Liner Rewinder (#5719, 5720)

  The peel and liner rewind feature provides the capability to peel labels and rewind a full 8.0-inch roll of the dispensed liner in peel-off mode.

Memory Cartridge (#5605, 5606)

This feature provides a 32 MB memory cartridge. It can be installed by the end-user and increases the flash memory capacity to store items such as fonts (including optional DBCS), custom forms, logos, and bitmaps. Only one cartridge may be installed in the printer at a time.

The standard printer has 8 MB flash memory. Installing this optional flash memory increases the total flash memory to 40 MB.

Windows Drivers

Customized Windows XP, Windows 2000, and Windows 2003 Server drivers are provided with the InfoPrint 6700 Model M40 printer.

Printer Management Software

The InfoPrint 6700 Model M40 printer supports the IBM 6400/6500/4400/6700 Printer Manager Utility.

Operator Panel translations

The Operator Panel language is customer selectable. The choice of languages are English, French, Italian, German, and Spanish.

TEC Emulation

The TEC Emulation provides support for emulation of TEC printers. This interpreter is compatible with the following TEC printers: Tec B372, B472, B482, B572, B672, B682, B872, and B882.

Detailed feature description

(#4177) Ethernet 10/100 BaseT Ethernet Adapter (Initial order)

(#5180) Ethernet 10/100 BaseT NIC Adapter (MES): The Ethernet 10/100 BaseT NIC Adapter is an internal adapter that connects the printer to an Ethernet network using TCP/IP, and NetBIOS TCP/IP.

The adapter provides the capability to provide printer status information via a Web page when the printer's IP address is supplied to a standard Web browser. This is in addition to the function provided by the InfoPrint 6700 Printer Management Utility.

Maximum number of features: One of either #4177 or #5180

Prerequisites: InfoPrint 6700 Model M40

Corequisites: None

Compatibility conflicts: None

Customer setup: Yes, for both initial order and MES (#4177 and 5180). Feature number 5180 field installation is performed by IBM Field Engineering.

(#4543) Wireless Ethernet w/Radio (Initial order)

(#4279) Wireless Ethernet w/Radio (MES): This feature provides an adapter card that is integrated into the printer. This adapter provides a 10/100 BaseT LAN interface, as well as the wireless Ethernet 802.11b/g compatible interface. The appropriate wireless radio is included with this feature. It is not necessary for the customer to obtain a radio or antenna.

Prerequisites: None

Corequisites: None

Compatibility conflicts: This feature uses the only PCI adapter slot.

Cannot be installed with:

- Ethernet 10/100 BaseT (#4177, 5180)

Customer setup: Yes, for both initial order (#4543) and MES (#4279).

Limitations: None

Maximum allowed: One

Minimum required: None

Field installation: Yes, feature number 4279 is field installable.

(#3500) 305 DPI® Printhead (4-in for Model M40) (Initial Order): This feature provides a 305 dpi printhead. A 203 dpi printhead is provided on initial orders if feature number 3500 is not ordered.

- Prerequisites:

  - InfoPrint 6700 Model M40

- Corequisites: None
- Limitations: Notice that this feature is not available for field installation as an MES; since the 305 dpi printhead is a supply item, a 305 dpi printhead must be ordered as a supply item for field installation. This is true regardless of whether a 203 dpi or 305 dpi printhead is presently installed. The part number for ordering the 305 dpi printhead as a supply item is:
  - Model M40 305 dpi 4-inch printhead: PN 44D7571

(#5605) Memory Cartridge (Initial order)

(#5606) Memory Cartridge (MES): This feature provides a total of 32 MB Flash memory to support functions such as storing fonts, customer forms, or logos and printing label up to a maximum of 99 inches in length.

Prerequisites: InfoPrint 6700 Model M40

Corequisites: None

Compatibility conflicts: None

Customer setup: Yes

(#5715) Peel w/o Rewind (Initial order)

(#5716) Peel w/o Rewind (MES): This feature provides the capability to peel the label from the backing.

- Peel-Off Mode

  In Peel-Off Mode the printer unwinds the media from the supply spindle, prints the label, automatically peels the label from the media carrier web, and leaves the peeled label at the mouth of the printer. The label presentation sensor detects when the label has been removed, and the printer then retracts the media before printing the next label.

Maximum allowed: One

Minimum: None

Limitations

This feature cannot be installed with any of the following:

- Peel w/liner Rewind (#5719, 5720), or Media Cutter (#7350, 7351), or Full Media Rewind (#5717, 5718)
- Any US RFID feature (#4900, 4901)
- Any Asia Pacific RFID feature (#4920, 4921, 4922, 4923, 4924, 4930, 4931, 4932, 4933, or 4934)

Prerequisites: InfoPrint 6700 Model M40

Plant installation: Yes, feature number 5715

Field (MES) Installation: Yes, feature number 5716

Corequisites: None

Customer setup: Yes, for both initial order and MES.

(#5719) Peel w/Liner Rewind (Initial order)

(#5720) Peel w/Liner Rewind (MES): This feature provides the capability to peel the label from the backing and rewind a full 8.0-inch roll of the dispensed liner. This operates in Peel-Off Mode.

In Peel-Off Mode the printer unwinds the media from the supply spindle, prints the label, automatically peels the label from the media carrier web, and rewinds the dispensed liner onto an 8-inch roll (with feature number 5719 or 5720). A sensor detects when the label has been removed, and the printer then retracts the media before printing the next label.

Maximum allowed: One

Minimum: None

Limitations

This feature cannot be installed with any of the following:

- Peel w/o rewind (#5715, 5716) or Media Cutter (#7350, 7351), or Full Media Rewind (#5717, 5718)
- Any US RFID feature (#4900, 4901)
- Any Asia Pacific RFID feature (#4920, 4921, 4922, 4923, 4924, 4930, 4931, 4932, 4933, or 4934)

Prerequisites: InfoPrint 6700 Model M40

Plant installation: Yes, feature number 5719

Field (MES) Installation: Yes, feature number 5720

Corequisites: None

Customer setup: Yes, for feature number 5719. An IBM Field Engineer must install feature number 5720.

(#5717) Full Media Rewind (Initial order)

(#5718) Full Media Rewind (MES): This feature provide an optional rewind spindle that is capable of rewinding a full 8.0 inch roll of labels on a 3-inch media core.

In batch mode, the labels are wound to a spool after they are printed. The spooled labels can then be used at a later Time and Place®.

Maximum allowed: One

Minimum: None

Limitations

This feature cannot be installed with any of the following:

- Peel w/o rewind (#5715, 5716) or Peel w/liner Rewind (#5719, 5720), or Media Cutter (#7350, 7351)
- Any US RFID feature (#4900, 4901)
- Any Asia Pacific RFID feature (#4920, 4921, 4922, 4923, 4924, 4930, 4931, 4932, 4933, or 4934)

Prerequisites: InfoPrint 6700 Model M40

Plant installation: Yes, feature number 5719

Field (MES) Installation: Yes, feature number 5720

Co-Requisites: None

Customer setup: Yes, for feature number 5717. An IBM Field Engineer must install feature number 5718.

(#7350) Media Cutter (Initial order)

(#7351) Media Cutter (MES): The media cutter is an industrial grade, long life device capable of cutting a variety of pressure sensitive paper, tag, and synthetic label stock.

Prerequisites:

- InfoPrint 6700 Model M40

Corequisites: None

Compatibility conflicts

This feature cannot be installed with any of the following:

- Peel w/o rewind (#5715, 5716) or Peel w/liner Rewind (#5719, 5720), or Full Media Rewind (#5717, 5718)
- Any US RFID feature (#4900, 4901)
- Any Asia Pacific RFID feature (#4920, 4921, 4922, 4923, 4924, 4930, 4931, 4932, 4933, or 4934)

Customer setup: Yes, for both initial order and MES.

Prerequisites: An InfoPrint 6700 Model M40

Corequisites: None

(#4900) RFID (Initial order)

(#4901) RFID (MES): This feature provides the RFID capability for an InfoPrint 6700 Model M40

- Maximum allowed: One
- Minimum: None
- Limitations:

  This feature cannot be installed with any of the following:

  – Peel w/o rewind (#5715, 5716) or Peel w/liner Rewind (#5719, 5720), or Media Cutter (#7350, 7351), or Full Media Rewind (#5717, 5718)

  – Any Asia Pacific RFID feature (#4920, 4921, 4922, 4923, 4924, 4930, 4931, 4932, 4933, or 4934)

  This feature is limited to the following geographical areas:

  – United States

  – Canada
- Prerequisites: InfoPrint 6700, Machine type 5403, Model M40
- Plant installation: Yes, feature number 4900
- Field installation: Yes, feature number 4901
- Customer setup: Yes, for feature number 4900; no for feature number 4901.
- Corequisites: None

(#6004) TTW 4-inch Wax Ribbons: This feature provides a start-up supply of twelve 4-inch wax TTW ribbons for the InfoPrint 6700 Model M40. These ribbons are Part Number 44D7578, 110 mm x 450 meters.

This is approximately a three-month supply with normal usage. This feature is initial order only and can only be ordered with a quantity of one.

- Maximum allowed: One
- Minimum: None
- Limitations: Model M40 only
- Plant installation: Yes
- Field installation: No
- Customer setup: Yes
- Corequisites: None

Accessibility by people with disabilities

The following features support use by people with disabilities:

- Controls and latches are operable with one hand and minimal dexterity.
- Keys are discernible by touch without activating them.
- The display, controls, latches, and levers are accessible to someone in a wheel chair.
- Color is used as an enhancement for conveying information, and as an additional method of distinguishing between buttons, controls, and latches.

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld ID and password are required (use IBM ID).

BP Attachment for Announcement Letter 107-246

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Publications

The following publications can be printed from the CD that is shipped with the printer. All publications are English unless noted otherwise.

Title	Order number
Infoprint(R) 6700-M40 Quick Setup Guide (English)	G550-0731
InfoPrint 6700-M40 Quick Setup Guide (English, French, German, Italian, Portugese, and Spanish in one document)	G550-0744
InfoPrint 6700-M40 Quick Setup Guide (Hungarian)	GA22-5730
InfoPrint 6700-M40 Quick Setup Guide (Korean)	GA30-3462
InfoPrint 6700-M40 Quick Setup Guide (Polish)	GA85-0169
InfoPrint 6700-M40 Quick Setup Guide (Russian)	G571-0077
InfoPrint 6700-M40 Quick Setup Guide (Simp Chinese)	G151-0656
InfoPrint 6700-M40 Quick Setup Guide (Trad Chinese)	G550-0142
InfoPrint 6700-M40 Quick Setup Guide (Spanish)	G510-3169
InfoPrint 6700-M40 Quick Setup Guide (German)	GA12-5106
InfoPrint 6700-M40 Quick Setup Guide (French)	GF11-0989
InfoPrint 6700-M40 Quick Setup Guide (Dutch)	GA30-3462
InfoPrint 6700-M40 Quick Setup Guide (Czech)	G550-1376
InfoPrint 6700-M40 User's Guide	G550-0741
InfoPrint 6700 IGP Programmer's Reference	G550-0453
InfoPrint 6700-M40 Ethernet Interface User's Manual	G550-0743
InfoPrint 6700 Safety Manual	G550-0460
InfoPrint 6700 Printer Management Utility	G550-0455
InfoPrint 6700 RFID Labeling Reference (English)	G550-0459
InfoPrint 6700 RFID Labeling Reference (Dutch)	GA14-6023
InfoPrint 6700 RFID Labeling Reference (French)	GF11-0965
InfoPrint 6700 RFID Labeling Reference (German)	GA12-5057
InfoPrint 6700 RFID Labeling Reference (Korean)	GA30-3187
InfoPrint 6700 RFID Labeling Reference (Simp Chinese)	G151-0243
InfoPrint 6700 RFID Labeling Reference (Spanish)	G510-3157

InfoPrint 6700 ZGL Reference Manual	G550-0425
InfoPrint 6700 TGL Reference Manual	G550-0462
InfoPrint 6700 IGL Reference Manual	G550-0463
InfoPrint 6700 STGL Reference Manual	G550-0464
InfoPrint 6700 DGL Reference Manual	G550-0508

IBM Systems Library Subscription Service (SLSS) is available.

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For details on education offerings related to specific products, visit

http://www.ibm.com/services/learning/index.html

Select your country, and then select the product as the category.

Technical information

Specified operating environment

Physical specifications: The dimensions of the InfoPrint 6700 Model M40 are less than the following:

- Width: 280 mm (11.0 inches)
- Depth: 458 mm (18.0 inches)
- Height: 318 mm (12.5 inches)

The weight of the unpacked printer is approximately 35 lbs. (16 KG) excluding options.

Operating environment: InfoPrint 6700 Model M40 Power Consumption

Operating mode	Watts
Power Saver	Less than 20
Idle	Less than Watts 40 Watts
Maximum	150 Watts (at 30% Print Density)

InfoPrint 6700 Model M40 Voltage: 115 to 230 V ac 50/60 Hz

InfoPrint 6700 Model M40 Temperature:

- Operating: 5° to 40°C (40° to 104°F)

- Storage: -5° to 60°C (-23° to 140°F)*

InfoPrint 6700 Model M40 Relative humidity:

- Operating: 10% to 90% non-condensing
- Storage: 5% to 90% non-condensing*

* These conditions do not apply to storage of media and ribbons

InfoPrint 6700 Model M40 Acoustics

Under typical operating conditions the noise level generated is less than 66 dBa.

Hardware requirements: The InfoPrint 6700 Thermal Label Printers attach to systems, controllers, and processors through the following adapters:

- Ethernet 10/100 BaseT LAN
- Wireless Ethernet 802.11b/g using Symbol LA-5127 compact flash radio
- Device USB: Universal Serial Bus 2.0 (Full Speed)
- Parallel: IEEE 1284 36-pin standard parallel connector
- Serial: RS232E with DB 9-pin serial connector

Software requirements: When the Ethernet 10/100 BaseT Network Interface Card is installed, the following Network Operating Systems and protocols are supported:

Operating System	Protocol
i-series V5R3	TCP/IP
Windows(TM) 2000	TCP/IP
Windows 2003 Server	TCP/IP
Windows XP	TCP/IP
UNIX(R)	TCP/IP

The Ethernet Interface supports network printing under various TCP/IP environments including most variations of UNIX.

Refer to the InfoPrint 6700 Ethernet Interface User's Manual for details and limitations concerning the Ethernet NIC Network Support.

Planning information

Customer responsibilities: The InfoPrint 6700 Model M40 models are customer setup (CSU). The customer is responsible for:

- Adequate site, system, and other vendor hardware and software product preparation.
- Receipt at the customer's receiving dock and placement of the printer.
- Installation and configuration of the printer by following the instructions in the Quick Setup Guide.
- Ordering and maintaining an adequate inventory of ribbons, RFID tags, and printheads.
- Ordering, installing, and maintaining cables. No cables except a power cord are shipped with the printer.
- Ordering and replacing the ribbons and printheads. Refer to the Supplies section.
- Changing and replacing forms, including clearing jams and cleaning as appropriate.
- Using and following the problem determination procedures and filling out the trouble report prior to calling for IBM service.

Installability: The InfoPrint 6700 Model M40 is a CSU machine. All features ordered along with

the printer are factory installed prior to shipment or can be installed by the customer.

For a fee, customers can elect to have IBM:

- Install the printer hardware
- Configure any printer optional features
- Install printer ribbon and explain supplies usage
- Perform™ printer hardware configurations
- Provide key operator training
- Provide basic instruction on forms loading and adjustments

Supplies: A wide range of IBM ribbons that have been specifically engineered to enhance the printing capabilities and to prevent premature printhead wear are available for the InfoPrint 6700-M40 printers.

It is recommended that genuine IBM Thermal Ribbons are used with the InfoPrint 6700-M40 printers.

InfoPrint 6700-M40 TTW Thermal Transfer Wax Ribbons

This ribbon provides superior print quality on coated and uncoated thermal transfer paper, labels, and tags. InfoPrint 6700-M40 TTW ribbons are an excellent choice for general-purpose applications.

InfoPrint 6700-M40 TTR Thermal Transfer Resin Ribbons

This ribbon is designed for use with high-end synthetic labels. It provides the highest heat, chemical, and abrasion resistance for label toughness and durability.

Supplies ordering:

Supplies can be ordered at 888-IBM-PRINT (426-7746).

The following supplies are available:

InfoPrint 6700 TTW Thermal Transfer Wax Ribbons

The part number shown is for one box of ribbons. Each box contains six ribbons.

Size	Part number	Ribbon type
60 mm x 450 m	44D7576	TTW Ribbon
83 mm x 450 m	44D7577	TTW Ribbon
110 mm x 450 m	44D7578	TTW Ribbon

InfoPrint 6700 TTR Thermal Transfer Resin Ribbons

The part number shown is for one box of ribbons. Each box contains six ribbons.

Size	Part number	Ribbon type
60 mm x 450 m	44D7579	TTR Ribbon
83 mm x 450 m	44D7580	TTR Ribbon
110 mm x 450 m	44D7581	TTR Ribbon

InfoPrint 6700 Printheads

The table below shows the part numbers for InfoPrint 6700 printheads. The average life of a printhead is about 2 years with a usage of 5 1/2 ribbons per month.

Size	Part number	Printheads per box
4-inch print head 203 DPI(R)	44D7571	1
4-inch print head 305 DPI	44D7572	1

The above items are supply items and, as such, are not available from IBM service or included in the warranty or maintenance service agreement.

Security, auditability, and control

These products use the security and auditability features of the host hardware, software, and/or application software.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

Terms and conditions

IBM credit corporation financing: Yes

Warranty period: 3 months

Maintenance offerings

- 9x5 IOR
- 24x7 IOR
- Depot Repair

Warranty service:

Depot Repair

Warranty service upgrades and maintenance service options: Warranty upgrades are available to upgrade to the following:

IBM On-site Repair (IOR): 5 X 9, next business day

IBM On-site Repair (IOR): 7 X 24

Usage plan machine: No

IBM hourly service rate classification: Two

When a type of service involves the exchange of a machine part, the replacement may not be new, but will be in good working order.

Field-installable features: Yes

Model conversions: No

Machine installation: Customer setup. Customers are responsible for installation according to the instructions IBM provides with the machine.

Graduated program license charges apply: No

Licensed Internal Code: The IBM InfoPrint 6700 uses IBM licensed Code (LIC).

IBM Licensed Internal Code (LIC) is licensed for use by a customer on a Specific Machine, designated by serial number, under the terms and conditions of the IBM Agreement for Licensed Internal Code, to enable a Specific Machine to function in accordance with its Specifications, and only for the capacity authorized by IBM and for which the customer has acquired. You can obtain the agreement at

http://www-1.ibm.com/servers/support/machine_warranties/licensed_internal_code.html

or by contacting your IBM representative.

Educational allowance

A reduced charge is available to qualified education customers. The educational allowance may not be added to any other discount or allowance.

The educational allowance is 15% for the products in this announcement.

Prices

Product charges

Product and maintenance Charges

Description	Machine type	Model	Purchase price	5X9 IOR annual maint charge	7x24 IOR annual maint charge
IP 6700 Thermal Printer	5403	M40	$1,750	$408	$571

Description	Machine type	Model	Annual depot maint charge
IP 6700 Thermal Printer	5403	M40	$242

Optional features: The following features are available for the Model M40.

InfoPrint 6700 Thermal Printer Model M40

Description	Feature number	Purchase price	5x9 IOR annual maint charge	7x24 IOR annual maint charge	Depot annual charge
Initial Order Only:					
E'net 10/100BaseT	4177	$ 450	NC	NC	NC
Wireless E'net (w/radio)	4543	900	NC	NC	NC
RFID (U.S.)	4900	2,000	NC	NC	NC
Memory Cartridge -- Initial	5605	150	NC	NC	NC
305 dpi Printhead -- Init	3500	300	NC	NC	NC
Media Cutter	7350	750	NC	NC	NC
Peel w/o Rewind	5715	225	NC	NC	NC
Full Media Rewind	5717	625	NC	NC	NC
Peel w/liner rewind	5719	725	NC	NC	NC
Ribbons -- TTW Qty 12	6004	185	NC	NC	NC
Power Cords (Initial Order)					
Power Cord -- United States	9951	NC	NC	NC	NC
Power Cord -- Chicago 6 foot	9986	NC	NC	NC	NC
Power Cord -- Europe	9970	NC	NC	NC	NC
Power Cord -- United Kingdom	9971	NC	NC	NC	NC
Power Cord -- South Africa	9972	NC	NC	NC	NC
Power Cord -- Italy	9973	NC	NC	NC	NC
Power Cord -- Switzerland	9974	NC	NC	NC	NC
Power Cord -- Denmark	9975	NC	NC	NC	NC
Power Cord -- Israel	9976	NC	NC	NC	NC
Power Cord -- Argentina	9977	NC	NC	NC	NC
Power Cord -- S. America	9978	NC	NC	NC	NC
Power Cord -- Australia	9979	NC	NC	NC	NC
Power Cord -- Saudi Arabia	9980	NC	NC	NC	NC

Power Cord -- Japan	9981	NC	NC	NC	NC
Power Cord -- China	9982	NC	NC	NC	NC
Power Cord -- India	9983	NC	NC	NC	NC
Power Cord -- Taiwan	9950	NC	NC	NC	NC
Language Groups (Initial Order)					
English	2924	NC	NC	NC	NC
French	2928	NC	NC	NC	NC
German	2929	NC	NC	NC	NC
Spanish	2931	NC	NC	NC	NC
Italian	2932	NC	NC	NC	NC
Korean	2933	NC	NC	NC	NC
Simplified Chinese	2934	NC	NC	NC	NC
Taiwan	2937	NC	NC	NC	NC
Polish	2936	NC	NC	NC	NC
Dutch	2988	NC	NC	NC	NC
Russian	2938	NC	NC	NC	NC
Czech	2939	NC	NC	NC	NC
Hungarian	2940	NC	NC	NC	NC
MES Only:					
E'net 10/100BaseT -- MES	5180	$ 500	NC	NC	NC
Wireless E'net (w/radio)	4279	1,340	NC	NC	NC
RFID (U.S., Can)	4901	2,830	NC	NC	NC
Memory Cartridge -- Initial	5606	200	NC	NC	NC
Media Cutter	7351	800	NC	NC	NC
Peel w/o Rewind	5716	275	NC	NC	NC
Full Media Rewind	5718	1,180	NC	NC	NC
Peel w/liner rewind	5720	1,280	NC	NC	NC
Power Cords (MES):					
Power Cord -- United States	6951	NC	NC	NC	NC
Power Cord -- Chicago 6 foot	6986	NC	NC	NC	NC
		NC	NC	NC	NC
Power Cord -- Europe	6970	NC	NC	NC	NC
Power Cord -- United Kingdom	6971	NC	NC	NC	NC
Power Cord -- South Africa	6972	NC	NC	NC	NC
Power Cord -- Italy	6973	NC	NC	NC	NC
		NC	NC	NC	NC
Power Cord -- Switzerland	6974	NC	NC	NC	NC
Power Cord -- Denmark	6975	NC	NC	NC	NC
Power Cord -- Israel	6976	NC	NC	NC	NC
Power Cord -- Argentina	6977	NC	NC	NC	NC
		NC	NC	NC	NC
Power Cord -- S. America	6978	NC	NC	NC	NC
Power Cord -- Australia	6979	NC	NC	NC	NC
Power Cord -- Saudi Arabia	6980	NC	NC	NC	NC
Power Cord -- Japan	6981	NC	NC	NC	NC
Power Cord -- China	6982	NC	NC	NC	NC
Power Cord -- India	6983	NC	NC	NC	NC
Power Cord -- Taiwan	6950	NC	NC	NC	NC
Language Groups (MES):					
English	6824	NC	NC	NC	NC
French	6828	NC	NC	NC	NC
German	6829	NC	NC	NC	NC
Spanish	6831	NC	NC	NC	NC
Italian	6832	NC	NC	NC	NC
Korean	6833	NC	NC	NC	NC
Simplified Chinese	6834	NC	NC	NC	NC
Taiwan	6837	NC	NC	NC	NC
Polish	6836	NC	NC	NC	NC
Dutch	6888	NC	NC	NC	NC
Russian	6838	NC	NC	NC	NC
Czech	6839	NC	NC	NC	NC

Hungarian	6840	NC	NC	NC	NC	

Warranty Upgrades

Machine type	Model	From	To	Purchase price
5403	M40	Depot	5x9 NBD	$42
5403	M40	Depot	24x7 IOR	82
5403	M40	5x9 NBD	24x7 IOR	40

Initial Order Only

Feature	Feature number	Initial order only	MES order only	Customer setup
E'Net 10/100BaseT	4177	Yes	No	Yes
Wireless E'net (w/radio)	4543	Yes	No	Yes
RFID (U.S., Can)	4900	Yes	No	Yes
Memory Cartridge -- Initial	5605	Yes	No	Yes
305 dpi Printhead -- Init	3500	Yes	No	Yes
Media Cutter	7350	Yes	No	Yes
Peel w/o Rewind	5715	Yes	No	Yes
Full Media Rewind	5717	Yes	No	Yes
Peel w/liner rewind	5719	Yes	No	Yes
Ribbons -- Qty 12	6004	Yes	No	Yes
Power Cords and Language Groups				
Power Cord -- United States	9951	Yes	No	Yes
Power Cord -- Chicago 6 foot	9986	Yes	No	Yes
Power Cord -- Europe	9970	Yes	No	Yes
Power Cord -- United Kingdom	9971	Yes	No	Yes
Power Cord -- South Africa	9972	Yes	No	Yes
Power Cord -- Italy	9973	Yes	No	Yes
Power Cord -- Switzerland	9974	Yes	No	Yes
Power Cord -- Denmark	9975	Yes	No	Yes
Power Cord -- Israel	9976	Yes	No	Yes
Power Cord -- Argentina	9977	Yes	No	Yes
Power Cord -- S. America	9978	Yes	No	Yes
Power Cord -- Australia	9979	Yes	No	Yes
Power Cord -- Saudi Arabia	9980	Yes	No	Yes
Power Cord -- Japan	9981	Yes	No	Yes
Power Cord -- China	9982	Yes	No	Yes
Power Cord -- India	9983	Yes	No	Yes
Power Cord -- Taiwan	9950	Yes	No	Yes
Language Groups				
English	2924	Yes	No	Yes
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Korean	2933	Yes	No	Yes
Simplified Chinese	2934	Yes	No	Yes
Taiwan	2937	Yes	No	Yes
Polish	2936	Yes	No	Yes
Dutch	2988	Yes	No	Yes
Russian	2938	Yes	No	Yes
Czech	2939	Yes	No	Yes
Hungarian	2940	Yes	No	Yes
MES Only				

E'net 10/100BaseT -- MES	5180	No	Yes	Yes
Wireless E'net (w/radio)	4279	No	Yes	No
RFID (U.S., Can)	4901	No	Yes	No
Memory Cartridge	5606	No	Yes	Yes
Media Cutter	7351	No	Yes	Yes
Peel w/o Rewind	5716	No	Yes	Yes
Full Media Rewind	5718	No	Yes	No
Peel w/liner rewind	5720	No	Yes	No
Power Cord -- United States	6951	No	Yes	Yes
Power Cord -- Chicago 6 foot	6986	No	Yes	Yes
Power Cord -- Europe	6970	No	Yes	Yes
Power Cord -- United Kingdom	6971	No	Yes	Yes
Power Cord -- South Africa	6972	No	Yes	Yes
Power Cord -- Italy	6973	No	Yes	Yes
Power Cord -- Switzerland	6974	No	Yes	Yes
Power Cord -- Denmark	6975	No	Yes	Yes
Power Cord -- Israel	6976	No	Yes	Yes
Power Cord -- Argentina	6977	No	Yes	Yes
Power Cord -- S. America	6978	No	Yes	Yes
Power Cord -- Australia	6979	No	Yes	Yes
Power Cord -- Saudi Arabia	6980	No	Yes	Yes
Power Cord -- Japan	6981	No	Yes	Yes
Power Cord -- China	6982	No	Yes	Yes
Power Cord -- India	6983	No	Yes	Yes
Power Cord -- Taiwan	6950	No	Yes	Yes
Language Groups				
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French	6828	No	Yes	Yes
German	6829	No	Yes	Yes
Spanish	6831	No	Yes	Yes
Italian	6832	No	Yes	Yes
Korean	6833	No	Yes	Yes
Simplified Chinese	6834	No	Yes	Yes
Taiwan	6837	No	Yes	Yes
Polish	6836	No	Yes	Yes
Dutch	6888	No	Yes	Yes
Russian	6838	No	Yes	Yes
Czech	6839	No	Yes	Yes
Hungarian	6840	No	Yes	Yes

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